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FNTB Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16731a

Product Information

Application	WB, E
Primary Accession	P49356
Other Accession	Q02293, P49355, NP_002019.1
Reactivity	Human
Predicted	Bovine, Rat, Mouse, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36262
Calculated MW	48774
Antigen Region	12-40

Additional Information

Gene ID	2342
Other Names	Protein farnesyltransferase subunit beta, FTase-beta, CAAX farnesyltransferase subunit beta, Ras proteins prenyltransferase subunit beta, FNTB
Target/Specificity	This FNTB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human FNTB.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FNTB Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FNTB
Function	Essential subunit of the farnesyltransferase complex. Catalyzes the transfer

of a farnesyl moiety from farnesyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X.

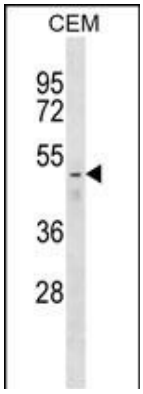
Background

FNTB Catalyzes the transfer of a farnesyl moiety from farnesyl pyrophosphate to a cysteine at the fourth position from the C-terminus of several proteins. The beta subunit is responsible for peptide-binding.

References

Ganesh, S.K., et al. Nat. Genet. 41(11):1191-1198(2009)
Fontaine-Bisson, B., et al. J. Mol. Med. (2009) In press :
Zhou, J., et al. J. Biol. Chem. 284(15):9648-9655(2009)
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
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Images



FNTB Antibody (N-term) (Cat. #AP16731a) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the FNTB antibody detected the FNTB protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.